



BRADENHEAD TEST REPORT

Step 1. Before opening any valves, record all tubing and casing pressures as found.
 Step 2. Collect liquid and gas samples as required; consult Bradenhead Testing and Reporting Instructions and Guidance for field specific Orders at <http://ecmc/reg.html#/opguidance>
 Step 3. Conduct Bradenhead test.
 Step 4. Submit Form 17 within 10 days of test. Attach a wellbore diagram if not previously submitted or if wellbore configuration has changed since last wellbore diagram was submitted.
 Step 5. Submit sample analytical results via Form 43.

1. ECMC Operator Number: 61250 3. BLM Lease No: _____
 2. Name of Operator: MULL DRILLING COMPANY INC
 4. API Number; 05-017-07239-00 5. Multiple completion? Yes No
 6. Well Name: KERN Number: 2
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENE,28,13S,44W,6
 8. County CHEYENNE 9. Field Name: SMOKY CREEK
 10. Minerals: Fee State Federal Indian

11. Date of Test: 04/21/2026
 12. Well Status: Flowing
 Shut In Gas Lift
 Pumping Injection
 Clock/Intermitter
 Plunger Lift
 13. Number of Casing Strings:
 Two Three Liner?

14. EXISTING PRESSURES

Record all pressures as found	Tubing: _____ Fm: _____	Tubing: _____ Fm: _____	Prod Csg _____ 0 Fm: _____	Intermediate Csg: _____ 0	Surf. Csg _____ 0
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BRADENHEAD TEST

With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (Bradenhead) valve (if no intermediate casing, monitor only the production casing and tubing pressures.) Record pressures at five minute intervals.
 Describe character of flow in "Bradenhead Flow" column: O = No Flow; C = Continuous; D = Down to 0; S = Surge; W = Whisper
 Describe fluid type in "Bradenhead Fluid" column: H = Water H₂O; M = Mud; G = Gas; V = Vapor; L = Liquid Hydrocarbon; H & M = Water & Mud; H & G = Water & Gas; H & V = Water & Vapor; M & G = Mud & Gas; M & V = Mud & Vapor; G & V = Gas & Vapor; H & L = Water & Liquid Hydrocarbon; M & L = Mud & Liquid Hydrocarbon; G & L = Gas & Liquid Hydrocarbon; V & L = Vapor & Liquid Hydrocarbon; N = None

Buried valve? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black Other:(describe) _____	00:00			0	0	NO FLOW	
	05:00			0	0	NO FLOW	
	10:00			0	0	NO FLOW	
	15:00			0	0	NO FLOW	
	20:00			0	0	NO FLOW	
	25:00			0	0	NO FLOW	
	30:00			0	0	NO FLOW	
REQUIRED - Instantaneous Bradenhead Pressure at End of Test: <u>0</u> PSIG							

INTERMEDIATE CASING TEST

With gauges monitoring production, intermediate casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals.

Describe character of flow in "Intermediate Flow" column: O = No Flow; C = Continuous; D = Down to 0; S = Surge; W = Whisper

Describe fluid type in "Intermediate Fluid" column: H = Water H₂O; M = Mud; G = Gas; V = Vapor; L = Liquid Hydrocarbon; H & M = Water & Mud; H & G = Water & Gas; H & V = Water & Vapor; M & G = Mud & Gas; M & V = Mud & Vapor; G & V = Gas & Vapor; H & L = Water & Liquid Hydrocarbon; M & L = Mud & Liquid Hydrocarbon; G & L = Gas & Liquid Hydrocarbon; V & L = Vapor & Liquid Hydrocarbon; N = None.

Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
	00:00				0	NO FLOW	
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:00				0	NO FLOW	
	10:00				0	NO FLOW	
Character of Intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black Other:(describe) _____	15:00				0	NO FLOW	
	20:00				0	NO FLOW	
	25:00				0	NO FLOW	
	30:00				0	NO FLOW	
REQUIRED - Instantaneous Intermediate Casing Pressure at End of Test:						0	PSIG

Comments: Annual bradenhead test.
Previous bradenhead testing on this well was conducted on the 8 5/8" x 5 1/2" annulus based on historical understanding of the well configuration. Upon further review of ECMC requirements and well construction details, reporting has now been aligned with the intended surface/intermediate annulus (13 3/8" x 8 5/8").

Due to the original well construction utilizing an "orange peel" connection between the 13 3/8" surface casing and 8 5/8" intermediate casing approximately 8–12 feet below ground surface, there is no direct access to the surface casing annulus. Establishing access would require cutting and welding on the surface casing at shallow depth, which introduces potential corrosion and long-term integrity risks.

Monitoring of the 8 5/8" x 5 1/2" annulus has not indicated sustained casing pressure or abnormal conditions and continues to provide information relevant to overall wellbore integrity.

MDC recognizes that this situation requires a variance under applicable ECMC rules and will be submitting a formal variance request for evaluation. Thank you.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Kendall Pelton Title: Prod Tech Phone: (719) 343-3226

Signed: Risa O'Bryhim Title: Sr. Compliance Specialist Date: 5/1/2026

Witnessed By: _____ Title: _____ Agency: _____